Claims

1. An immunohistochemically stained tissue or cell sample comprising a ribonucleoside vanadyl complex (RVC) RNase inhibitor applied during said immunohistochemical staining.

2. A method of inhibiting RNAse activity during immunohistochemical staining of a sample, said method comprising the presence of an RNase inhibitor.

3. The method of claim 2 wherein said inhibitor is a ribonucleoside vanadyl complex (RVC).

4. The method of claim 2 wherein said staining is conducted at temperatures below about +15°C.

5. The method of claim 4 wherein said temperature is +4°C.

6. The method of claim 2 wherein said staining comprises contacting a primary antibody solution with said sample for less than 5 minutes.

7. The method of claim 6 wherein said contacting is for about 3 minutes.

8. The method of claim 2 wherein said staining comprises contacting a primary antibody solution with said sample and further comprises contacting said sample with a reagent that binds said primary antibody for less than 5 minutes.

9. The method of claim 8 wherein said contacting with a reagent that binds said primary antibody is for about 3 minutes.

10. A method of immunohistochemically staining a tissue or cell sample comprising the use of an RNase inhibitor during said staining.

11. The method of claim 10 wherein said inhibitor is a ribonucleoside vanadyl complex (RVC).

12. The method of claim 10 wherein said staining is conducted at temperatures below about +15°C.

13. The method of claim 12 wherein said temperature is +4°C.

14. The method of claim 10 wherein said staining comprises contacting a primary antibody solution with said sample for less than 5 minutes.

15. The method of claim 14 wherein said contacting is for about 3 minutes.

16. The method of claim 10 wherein said staining comprises contacting a primary antibody solution with said sample and further comprises contacting said sample with a reagent that binds said primary antibody for less than 5 minutes.

17. The method of claim 16 wherein said contacting with a reagent that binds said primary antibody is for about 3 minutes.

18. An improved immunohistochemistry staining method, said improvement comprising the use of an RNase inhibitor.

19. The method of claim 18 wherein said inhibitor is a ribonucleoside vanadyl complex.

20. The method of claim 18 further comprising an improvement selected from the use of temperatures below about +15°C and the use of reduced incubation times.